

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 – 110 (canceled).

Claim 111 (new): A method for the production of α -N-acetylglucosaminidase or a fragment or derivative thereof wherein the α -N-acetylglucosaminidase or fragment or derivative thereof hydrolyzes α -N-acetylglucosamine residues from the non-reducing terminus of heparan sulphate, comprising:

(i) transfecting mammalian cells with an expression vector comprising a DNA molecule encoding α -N-acetylglucosaminidase or fragment or derivative thereof;

(ii) culturing the transfected cells, whereby the desired protein is produced and secreted into the medium; and

(iii) recovering the desired protein from the medium.

Claim 112 (new): The method according to claim 111, wherein the DNA molecule encoding α -N-acetylglucosaminidase or a fragment or derivative thereof is the cDNA having the sequence SEQ ID NO:1.

Claim 113 (new): The method according to claim 111, wherein the protein recovered from the medium comprises the amino acids of SEQ ID NO:2.

Claim 114 (new): The method according to claim 113, wherein the protein recovered from the medium comprises amino acids 24-743 of SEQ ID NO:2.

Claim 115 (new): The method according to claim 111 wherein the mammalian cells are CHO cells.

Claim 116 (new): The method according to claim 111 wherein the protein recovered from the medium is in a glycosylated form.

Claim 117 (new): The method according to claim 116 wherein the molecular weight of the glycosylated form of the protein recovered from the medium as determined using SDS/PAGE is at least approximately 79 kDa.